

Abstract

A driver IC and passive parts, which convert a direct current voltage into a three-phase voltage, and an FP coil for cyclically generating a magnetic field through the driver IC are mounted on a flexible substrate, which constitutes a small vibration motor.

5 The driver IC is a so-called bare chip in which a circuit section is exposed and is not molded with resin and the like. Magnets and an unbalance weight

10 are installed on a yoke having a shaft. The FP coil and the magnet are placed so as to face each other. A cover is caulked to fixed to a bottom plate. Thus, the vibration motor can be miniaturized and thinned.

15 Moreover, the vibration motor can be automatically manufactured, and installing them to an electronic apparatus can be automatically performed.